

A rubber composition for a hose, which comprises a nitrile rubber (A) comprising 45 - 55 weight % of α, β -ethylenically unsaturated nitrile monomer units and 55 - 45% by weight of conjugated diene monomer units, an epihalohydrin rubber (B), and a crosslinking agent (C_A) for the nitrile rubber and/or a crosslinking agent (C_B) for the epihalohydrin rubber; the amount of nitrile rubber (A) being 25 - 80 weight % based on the sum of nitrile rubber (A) and epihalohydrin rubber (B); and a hose having a layer comprised of a crosslinked product of the rubber composition. The hose has excellent resistance to fuel oil permeation and cold resistance, and therefore, it is especially suitable as fuel oil hoses of an automobile.